



U.S. Department  
of Transportation  
**Research and  
Special Programs  
Administration**

JUN 5 - 2001

400 Seventh St., S.W.  
Washington, D.C. 20590

JUN 05 2001

DOT-E 11620  
(FIFTH REVISION)

EXPIRATION DATE: September 30, 2002

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: CCL Container  
Hermitage, PA
2. PURPOSE AND LIMITATION:
  - a. This exemption authorizes the manufacture, marking, sale and use of certain non-DOT specification inside metal containers conforming with all regulations applicable to a DOT Specification 2Q inner non-refillable metal receptacle, except as specified herein, for the transportation in commerce of the materials authorized by this exemption. This exemption provides no relief from the Hazardous Materials Regulations (HMR) other than as specifically stated herein.
  - b. The safety analyses performed in development of this exemption only considered the hazards and risks associated with transportation in commerce. The safety analyses did not consider the hazards and risks associated with consumer use or other uses not associated with transportation in commerce.
3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180.
4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR § 173.306(a)(3)(ii) in that a non-DOT specification inside metal container is not authorized except as specified herein and authorized pressures are exceeded.

JUN 5 - 2001

Continuation of DOT-E 11620 (5th Rev.)

Page 2

JUN 05 2001

5. BASIS: This exemption is based on the application of CCL Container dated January 4, 2001, submitted in accordance with § 107.105 and the public proceeding therein.
6. HAZARDOUS MATERIALS (49 CFR § 172.101):

| Proper Shipping Name / Hazardous Materials Description | Hazard Class/ Division | Identification Number | Packing Group |
|--|------------------------|-----------------------|---------------|
| 1,1,1,2-Tetrafluoroethane or Refrigerant gas, R134a    | 2.2                    | UN3159                | N/A           |
| Dichlorodifluoromethane, or Refrigerant gas, R12       | 2.2                    | UN1028                | N/A           |
| Aerosol, flammable                                     | 2.1                    | UN1950                | N/A           |

7. SAFETY CONTROL MEASURES:

a. PACKAGING - Packaging prescribed is a non-DOT specification inside metal container. The container is manufactured using the impact extruded method and has a crimped top closure. The container must conform with Advanced Monobloc Corporation drawing No. T90346 Rev. 3 dated January 4, 2001 on file with the Office of Hazardous Materials Exemptions and Approvals (OHMEA). Each container must be in conformance with DOT Specification 2Q (§ 178.33a) except as follows:

§ 178.33a-8 Tests.

(a) One out of each lot of 25,000 containers or less, successively produced per day, shall be pressure tested to destruction and must not burst below 32 bar (464 psig). The container tested shall be complete with end assembled.

(b) \* \* \*

§ 178.33a-9 Marking.

(a) \* \* \*

JUN 5 - 2001

Continuation of DOT-E 11620 (5th Rev.)<sup>f</sup> JUN 05 2001 Page 3

(1) "DOT-E 11620" in place of "DOT 2Q".

(2) \* \* \*

b. OPERATIONAL CONTROLS - Prescribed packaging must be prepared and shipped in accordance with § 173.306(a) except as follows:

(1) The pressure in the container may not exceed 210 psig at 130°F.

(2) The liquid content of the lading may not completely fill the container at 130°F.

(3) The container must be packed in a strong outside packaging as prescribed in § 173.301(k).

8. SPECIAL PROVISIONS:

a. In accordance with the provisions of Paragraph (b) of § 173.22a, persons may use the packaging authorized by this exemption for the transportation of the hazardous materials specified in paragraph 6, only in conformance with the terms of this exemption.

b. A person who is not a holder of this exemption, but receives a package covered by this exemption, may reoffer it for transportation provided no modifications or changes are made to the package and it is offered for transportation in conformance with this exemption and the HMR.

c. A current copy of this exemption must be maintained at each facility where the package is offered or reoffered for transportation.

d. Each packaging manufactured under the authority of this exemption must be either (1) marked with the name of the manufacturer and location (city and state) of the facility at which it is manufactured, or (2) marked with a registration symbol designated by the Office of Hazardous Materials Exemptions and Approvals for a specific manufacturing facility.

e. A current copy of this exemption must be maintained at each facility where the package is manufactured under this exemption. It must be made available to a DOT representative upon request.

Continuation of DOT-E 11620 (5th Rev.) JUN 05 2001 Page 4

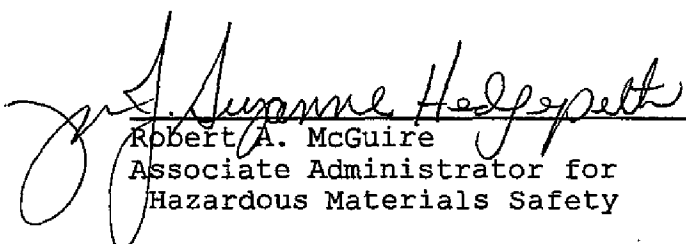
- f. Each outside packaging must be marked "INSIDE CONTAINERS COMPLY WITH DOT-E 11620".
- g. Containers filled with a material meeting the definition of a "consumer commodity" in § 171.8 may be reclassified as an ORM-D and shipped as "consumer commodity" in accordance with § 173.306(h). These outside packagings, except those containing a Division 2.1 material, are not required to be marked "INSIDE CONTAINERS COMPLY WITH DOT-E 11620" as specified in paragraph 8.f. of this exemption.
- h. Test data obtained under § 178.33a-8 Tests must be kept on file and be made available upon request by the OHMEA. Additionally, the following information must be submitted to OHMEA:
- (1) Burst test results for the first 20 lots tested under the provisions of this exemption.
  - (2) Lading temperature and pressure test data for the first 20 lots to verify that each completed container has been heated until the pressure in the container is equivalent to the equilibrium pressure of the contents at 130°F without evidence of leakage, distortion, or other defect and that the pressure in the container does not exceed 210 psig at 130°F. A description of the quality assurance controls used to ensure compliance with the requirements of paragraph 7.b.(1).
9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle, rail freight, cargo vessel, and cargo aircraft only.
10. MODAL REQUIREMENTS: A current copy of this exemption must be carried aboard each cargo vessel or aircraft used to transport packages covered by this exemption. The shipper must furnish a copy of this exemption to the air carrier before or at the time the shipment is tendered.
11. COMPLIANCE: Failure by a person to comply with any of the following may result in suspension or revocation of this exemption and penalties prescribed by the Federal hazardous materials transportation law, 49 U.S.C. 5101 et seq:
- o All terms and conditions prescribed in this exemption and the Hazardous Materials Regulations, Parts 171-180.
  - o Registration required by § 107.601 et seq., when applicable.

Each "Hazmat employee", as defined in § 171.8, who performs a function subject to this exemption must receive training on the requirements and conditions of this exemption in addition to the training required by §§ 172.700 through 172.704.

No person may use or apply this exemption, including display of its number, when this exemption has expired or is otherwise no longer in effect.

12. REPORTING REQUIREMENTS: The carrier is required to report any incident involving loss of packaging contents or packaging failure to the Associate Administrator for Hazardous Materials Safety (AAHMS) as soon as practicable. (Sections 171.15 and 171.16 apply to any activity undertaken under the authority of this exemption.) In addition, the holder(s) of this exemption must also inform the AAHMS, in writing, as soon as practicable of any incidents involving the package and shipments made under this exemption.

Issued in Washington, D.C.

  
Robert A. McGuire  
Associate Administrator for  
Hazardous Materials Safety

JUN 5 - 2001  
(DATE)

Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Research and Special Programs Administration, Department of Transportation, Washington, D.C. 20590.  
Attention: DHM-31.

The original of this exemption is on file at the above office. Photo reproductions and legible reductions of this exemption are permitted. Any alteration of this exemption is prohibited.

Copies of exemptions may be obtained from the AAHMS, U.S. Department of Transportation, 400 7th Street, S.W., Washington, DC 20590-0001, Attention: Records Center, 202-366-5046.

PO: cwf